



Statewide Hazmat Response Work Group Meeting

(Anchorage – BP Energy Center)

February 12, 2013

Draft Meeting Notes

March 6, 2013

1. **Participants:** See attached.
2. **Agenda:** See attached.
3. **Safety Moment:** Sandra Brewer (BP Energy Center) briefed the group on general safety procedures (fire, earthquake, evacuation) as well as provided a general layout of the facility.
4. **Introductions:** The meeting began with an overall welcome followed by introductions. A sign-in sheet was also circulated (see the attached participant list).
5. **Review of Agenda and Handouts:** No additions to the agenda were requested. EHS summary report was distributed to the workgroup members. (see attached report) In reviewing the EHS record, a question came up in regards to the Hydrogen Cyanide release.

Follow-up to Hydrogen Cyanide question: The release was from the Fort Knox Gold Mine. Approximately 0.5 gallons spilled on to the secondary containment area from a leak in cyanide line.

6. **Larry Iwamoto Hazmat Professional of the Year Award:**

Larry Iwamoto with DEC is retiring on April 30, 2013. In honor of his dedicated years of service, Larry was awarded the first Larry Iwamoto Hazmat Professional of the Year Award. The hazmat workgroup peers can nominate a member for their service of excellence. The details on nomination criteria will be forth coming.

7. **Action Items from the Previous Meeting:** The following items were carried forward from the previous meeting.

- a. **Medical Monitoring:** No changed from the October 9, 2012 meeting. The workgroup will be meeting in the near future to discuss and possibly develop appropriate guidelines for the Hazmat teams. The workgroup currently consists of Alan Wien, Tyler Bones, Jim Vignola, Chris LaBorde, and Mike Jones. (Ongoing)
- b. **Training Needs:** In the October 9, 2012 meeting, members were asked to provide any pertinent training needs for 2013. There is a deadline on money availability. Jeff Ennenga will be the point of contact for Hazmat training needs. Jeff can be reached at 428-7022. (Ongoing)



8. Hazmat Team/Other Organization Updates:

- a. Anchorage Hazmat Team:** Update from Jim Vignola and Young Suenram.
- Anchorage hazmat responded to 59 incidents since the last meeting: helium tank, cesium carbide, accidental mixture of chemicals, mystery illness at FedEx, and normal spills.
 - Anchorage hazmat team responded to the FedEx incident on December 20, 2012, where the staff were falling ill. When on scene, the hazmat team monitored the area for possible contributing factor. All the monitoring showed negative results. The FedEx was cleared to reopen within 3 hours. The test confirmed that the illness was due to tempered food item.
 - Anchorage hazmat team is trying to broaden the team membership to include paramedics.
- b. Fairbanks Hazmat Team:** Update from Tyler Bones.
- Handout provided to the work group. (see attached)
 - 4rd quarter report reflects decrease in responses from previous quarter; however, their community support continue to make up the difference.
 - Responded to one meth lab incident.
 - Hazmat team composition has increased to 26 team members.
 - Provided First Responder refresher training for the North Pole and North Star Volunteer Fire Departments.
 - Participated in the railroad exercise, partnership between Alaska Railroad and greater Healy valley area.
 - Forming a partnership with the UAF to revive Emergency Services Associates Degree and Bachelor Degree programs.
 - The Fairbanks Hazmat team is separate from the Fairbanks Fire Department. The Hazmat team is working to provide extra on-scene support (e.g. warm up area set up), SCBA, and IC support for the Fairbanks Fire Department.
 - Facility Pre-incident Planning: Fairbanks Hazmat team is working with local facilities and their hazmat team. Currently, they are helping the Pogo mines. They are starting to establish a level B response capability. Fort Knox is working on a exercise for next summary with the Fairbanks Hazmat team.
- c. Juneau Hazmat Team:** Update from Louis Tagaban
- No hazmat incidents reported this quarter.
 - The Juneau Hazmat team was able to acquire a new space heater for the hospital and a big heater for the hazmat tent.
 - New hazmat decon tent. The tent only takes two people to set up and the tent is color coded for easy setup.
 - The Juneau Hazmat team will be participating in the Hazmat Tech and Ops Training in Sitka sponsored by the 103rd CST at the end of March.
 - The hazmat team is trying to recruit more people to be hazmat capable.
 - Sitka assistant fire chief is working towards developing a Level A team. Juneau hazmat is helping Sitka to meet the Level A goal.
- d. Ketchikan Hazmat Team:** Email update from Andrew Tighe
- The most recent was a response to a hospital for a xylene spill in the lab. Hospital representative stated that 1-3 gallons spilled. All personnel were evacuated from the

immediate area. Spill was cleaned up and the product was disposed of properly.

- Received numerous odor related calls that are benign in nature.
- Responded to fuel leaking from vehicles, a few of which required cleanup.
- Received abundant number of CO calls many due to batteries being low.

e. Kodiak Hazmat Team: Email update from Jim Mullican

- New powered air purifying respirators have arrived and will be in service soon. Local cannery has requested to drill with the Kodiak Hazmat Team in summer/fall time frame.
- Responded to multiple low level responses to various liquid propane, oil, and gasoline spills. The following are our higher level responses:
 - On October 16, 2012, Kodiak Hazmat Team responded to a 250 gallon liquid propane release. The incident was caused by mishandling of fill equipment by an untrained employee. The mishandling resulted in a broken valve causing tank to dump its contents. The incident occurred at the center of town.
 - On October 16, 2012, the Kodiak Hazmat Team responded to a home filled with liquid propane due to a leak resulting from a damaged tank connection.
 - December 31, 2012, the Kodiak Hazmat Team conducted a Level A entry into the *Pacific Producer* (Fish processing vessel) for an anhydrous ammonia leak. The leak occurred from piping in gas side of system. The team secured valves and allowed remaining product to vent off. There were no injuries from this incident. The vessel tied to Pier 2 was in moderate sea conditions, which causing the vessel to rise and fall 2-3 feet. The team boarding was accomplished using a platform truck.
 - On January 15, 2013, *Pacific Producer* developed a leak in the ammonia system within the main fish hold. Leak was very small; however, due to the leak location, the product was making its way into living spaces. The Kodiak Hazmat Team made entry in turn outs and SCBA to determine hot zone. The team was able to assess the leak with no readings on ECP2 monitors. Product was accumulating in overhead and venting to upper decks. System was secured and main hold hatch removed to allow natural ventilation of the remaining product.
 - On January 23, 2013, the Kodiak Hazmat Team was called to *Pacific Producer* to assist the Law Enforcement. A crewmember on the vessel was actively roaming the ship damaging the ship systems with a fire axe. Once the law enforcement had subdued the crewmember (he was found on deck), the hazmat team made entry in turn outs and SCBA and completed vessel monitoring. No leaks were found.

f. 103rd Civil Support Team: Update from Chris Gongora

- Seventeen staff in New Mexico for the radiation course. The team from the Nebraska 72nd CST is up here in Alaska to backfill for the team. The Nebraska team will return back to their home base on March 18th. The 103rd team will be in Sitka from March 25 – 29 for the Hazmat Tech and Ops Training.

g. EPA: Update from Vivian Melde, EPA START Contractor.

- EPA has scheduled a cold weather exercise.
- More intensive inland SCAT training at Tanana River and Delta has been tentatively scheduled for August 2013.

h. Central Mat-Su Hazmat Team: Update from Ken Barkley

- The hazmat team purchased/ordered a new inflatable shelter/decon. The previous shelter did not have hot water. This new shelter should sustain heat and provide on-demand hot water. It only takes 10 seconds for the tent to inflate. This tent was purchased through a grant system.
 - Approximately 15 – 20 fire department staff completed the Hazmat Ops class.
 - The hazmat team will be taking their training on the road with first response vehicle. They will cover Butte to Trapper Creek area. They are planning to set up training each month for each area. They will be taking along their equipment. This is an effort to support hazmat response capability for each area with experienced personnel.
 - Central Mat-Su Hazmat Team is a level B response team, working towards level A.
 - Hazmat responses this quarter comprised of tractor trailer rollover and diesel spills.
- i. **95th Chemical Company:** Not present. The team is currently deployed.
- j. **NORAD and NORTHCOM, Colorado Springs:** Update from Jonathan Auger and Joe Charles
- In Alaska for the NORAD seaburn hazmat piece. They are here to conduct joint exercise with EOC at Elmendorf AFB. The exercise component was planning for a what if scenario involving the general air space in Alaska. If an airline carrier is suspected of carrying hazmat, they can direct the airline to comply, with repercussion of being shot down if they do not comply. The joint exercise also included sampling biochems.
- k. **FBI:** Update from Derek Espeland
- Responded to more bomb threats that involved a teenager and a homeless man.
 - Responded to a murder for hire case.
 - Responded to a big explosion in Fairbanks, which involved couple hundred pounds of explosives. The local trooper will be handling the case.
 - Responded to the mass shooting threat to Wells Fargo Sports Complex in mid December. This threat came in two days after the Connecticut shooting. There was other rash of threats by 15 year olds.
 - White powder letter received by the Seattle office on earth day. The white powder turned out to be talc powder.
- l. **U.S. Coast Guard:** No update to pass on.
- m. **Alaska Railroad:** Update from Matt Kelzenberg.
- No major responses this quarter.
 - Alaska Railroad is moving 70 percent less fuel.
 - Increase in traffic in and out of Whittier and now moving more in and out of Seward. In case of an incident, the Anchorage Fire Department jurisdiction extends all the way to Seward.
- n. **DHSS CDC:** Update from Thao Le.
- They are looking for partners who are willing to provide hazmat response reports. Thao is working to provide hazmat exposure information to the ASTR for hazard analysis.
- o. **DHSS Public Health Lab:** Update from Rick Shea and June Pounder
- The public health lab is always interested in public health effects. The lab has been running a lot of urine testing, but is also capable of providing analytical support for

chemistry.

- DHSS received a 10% funding cut so availability of hazmat sampling kits may be more limited.

p. DEC: Update from Mark Sielaff

- During the last quarter, DEC received 113 hazardous substance spill reports, majority resulting from glycol spills. Other spill products included corrosion inhibitor, methyl alcohol, and various acid spills.
- DEC received nine extremely hazardous substance spill reports that were primarily identified as sulfur dioxide and anhydrous ammonia.
- Three meth lab busts occurred since the last quarter. The busts occurred in Hoonah, Fairbanks, and Juneau.
- DEC received three Fit-for-Use certifications, where the property owner certifies that the property was cleaned up to state standards. The Fit-for User certifications were received for properties in Anchorage, Wasilla, and North Pole.
- Due to number of people that were observed paying their final respects at the C-17 and AWAC plane crashes, JBER has decided to make a trail for public access to the site.

q. State Division of Homeland Security and Emergency Management. Update from Jeff Ennenga and Tanya James

- Tanya will be serving as Jeff's backup for this workgroup.
- Jeff is the hazmat grants project manager in place of Andy Jones.
- ERGs were distributed during the local preparedness training.
- Rewriting Skagway's emergency plan.
- DHS&EM is still receiving requests for the new ERG.

r. Tesoro Fire: Update from Tristan Saito

- Tesoro Fire team finished up with level B training.
- There is lots of hazmat in the Kenai Borough that is there locally and also coming in via barge and rail road. The Kenai Borough fire chief is supportive of a hazmat team. For Tesoro, until the hazmat reaches the Tesoro's gate, Tesoro is not responsible for responding to the hazmat incident. They would like to see a commencement of a borough-wide hazmat team. There are currently 22 fire fighters who can respond in level B. Would like to have level A capability through Alaska West Level A training.
- Kenai hazmat needs training on how to handle a white power incident. They received a call but the troopers ended up handling the situation.
- In Nikiski, Marathon had a fire incident from a small explosion. Nikiski shut down the highway. The explosion was from iron sulfide.

s. DPS Alaska Fire Standards Council: Update from Gordon Descutner.

- The Alaska Fire Standards Council provides training and evaluation for fire services. The council is looking at hazmat right now with new standards that came out. The council evaluates outcome for training components are provide internationally recognized accreditation rather than just a certificate. It also provides credible evaluation process.

7. Drills and Training: The updated Statewide Hazmat Response Work Group Activity Schedule (see attached) was distributed to the group to review.

a. Training Date Correction: The Hazmat Tech and Ops Training in Sitka – The classroom

portion of the training will be March 18 – 22 and the field exercise will be from March 25 – 29. The after action hot wash will take place on March 29.

- b. Drills and Training Needs/Desires for 2013:** This is ongoing and the point of contact is Jeff Ennenga.
- c. Homer Ammonia Training:** City of Homer requested ammonia training for their fire department, port and harbor staff, and city public works staff. DEC funded the cost for bringing the trainer from Seattle. Approximately 40 people from Homer attended the training. The training also covered case study of actual ammonia release that occurred in Homer. Participants' feedbacks on training were very positive.
- d. Radiological Response Training:** The funding for this training is already committed for the outlying hazmat team for May. The next Hazmat Workgroup meeting is May 14. FBI can provide tabletop training after the May 14 workgroup meeting and have a full day training on the 15. Since the training for May 15 is scheduled at the AFD training center, perhaps the workgroup meeting and the table top exercise on the 14 can be done at the AFD training center as well. AFD will check on the training facility availability.
- e. Alaska Shield 2014:** Alan Wien attended the initial planning meeting. Kodiak volunteered to host the hazmat exercise. This will be another hazmat exercise involving earth quake and tsunami. The exercise funding will be through the state Homeland Security Grant Program. Each city participating in the exercise will have to apply for the grant. The application period starts next month. The hazmat exercise work group will be meeting in the near future to begin planning the exercise details for AK Shield.
- f. DHS&EM Hazmat Training/Exercise Plan:** The update was provided by Jeff Ennenga.
 - A hazmat Tech course will be held at the AFD Training Center on March 11 – 15 (since been changed to April 8-12). Alaska West will be conducting the training. The cost of the class was less than originally anticipated so DHS&EM has funding to support 6-7 additional personnel to attend the class. If you would like to participate, contact Jeff Ennenga 428-7022 or jeff.ennenga@alaska.gov. Jeff will send out the request instructions. Hazmat team members of fire department personnel have priority for attendance. DHS&EM is working with Alaska Standard Fire Council so that in 2014, they are able to provide the attendees with certifications that are recognized at both national and state level.
 - DHS&EM is sponsoring the hazmat training in Sitka. They have set aside \$20K to support the Sitka LEPC, Sitka Fire Department, and Sitka Hazmat.
 - Budget Status: There is about \$95K left and out of that, \$40K has been slighted for planning activities and \$55K left for training.
 - Planning Activities: DHS&EM has been requested to send 10 staff to the Sacramento Continuing Challenge Hazmat Conference. DHS&EM would like 10 names before August 1. For those who are selected to attend the conference, they will have to submit all the paperwork day after they get back. The cost put up by the DHS&EM does not cover wages or backfill cost.
 - Training: Future hazmat tech course is estimated to cost \$43 - \$44K since more personnel are anticipated to attend the class. The remaining \$10 - \$15K is being considered to be used for an on-line hazmat class for all users for free. There are approximately 6,000 – 7,000 people who need this class. The on-line class will be

available to the public emergency responders. The certificate of completion will be issued by the Alaska Fire Standards Council.

8. Statewide Hazmat Budget Status:

a. ADED CIP Funding Status for Hazmat Teams: Update from Alan Wien.

- The hazmat CIP fund was replenished last year by the State Legislature for \$250k. Current balance unknown but slightly under \$200k. This amount needs to last for another 4 years. The fund provides annual financial support to the 5 Statewide Hazmat Response Teams for training, equipment purchase, and equipment maintenance. The fund also supports other hazmat activities such as special trainings, exercises, and travel expenses.

b. 2013 Hazmat Team MOU's: Update from Alan Wien.

- We want to process this year's hazmat MOU's early as possible. DEC will be sending out a reminder very soon to submit the annual MOU request with equipment and training list.

c. Federal Funding: This is covered under DHS&EM Hazmat Training/Exercise Plan under Drills and Training section.

9. Additional Items for Discussion:

- **Potential Increase in Haul Road Traffic:** There may be 10 fold increase in hauling LNG in Alaska. It is estimated that potentially a truck will be on the road every 15 seconds between Pt. McKenzie and Fairbanks if Alaska is to move the volume wanted from North Slope to Anchorage.

10. Action Items:

a. Medical Monitoring Guidelines. The work group will be meeting in the near future to discuss and possibly develop appropriate guidelines for the Hazmat teams. The work group currently consists of Alan, Tyler Bones, Jim Vignola, Chris LaBorde, and Mike Jones.

b. Training Needs for 2013: Work group members were asked to provide any pertinent training needs for 2013 to Alan and Derek, and Jeff Ennenga.

c. Larry Iwamoto Hazmat Professional of the Year Award: To develop a procedure for nomination and review process for this annual award.

d. AFD Fire Training Center Availability: AFD will find out if the training center is available for use for the May 14 workgroup meeting and radiation training.

11. Informational Items: Just a reminder, meeting notes, work group member listing (including phone numbers and email addresses), photos from past activities, etc. are posted at the following website: <http://www.dec.state.ak.us/spar/perp/hazmat.htm>

Other Informational/Action Items:

- a. **Alaska Governor's Safety and Health Conference:** Work group members were asked to provide any topics and recommended speakers for this conference which is scheduled for March 18-20, 2013. Inputs should be directed to Krystyna Markiewicz at 269-5957, Krystyna.Markiewicz@alaska.gov)
- b. **DHSS Sampling Kits:** Hazmat teams should check the expiration date on some of the kit components. Anyone needing more kits should call the Public Health Lab at 334-2110. Due to budget cuts, the sampling kits are limited in supply.
- c. **2012 DOT Emergency Response Guide:** Hazmat teams desiring additional 2012 DOT ERGs should contact Jeff Ennenga at 428-7022, jeff.ennenga@alaska.gov).

12. **Next Meeting:** The next meeting is scheduled May 14, 2013 in Anchorage at the BP Energy Center. The location of the meeting may change depending on the AFD Fire Training Center availability.

Following this meeting at 1:00pm was the FBI WMD Work Group Meeting in the same location. Derek Espeland provided a presentation on Improvised Explosive Mixtures.

Encl: Final Agenda
Attendee List
Updated Schedule of Activities
EHS Summary Report
Fairbanks Hazmat Quarterly Report



STATEWIDE HAZMAT WORK GROUP MEETING

BP Energy Center – 900 E. Benson Blvd

<http://dec.alaska.gov/spar/perp/hazmat.htm>

February 12, 2012

Agenda

- 9:00 am**
- **Introductions**
 - **Safety Moment (BP Energy Center Coordinator)**
 - **Review Agenda for any Additions/Changes**
 - **Review Status of Action Items from Previous Meeting (May 8, 2012)**
 - **Team Updates/Lessons Learned from Any Recent Responses/Capability Enhancements**
 - Anchorage Hazmat Team
 - Fairbanks Hazmat Team
 - Juneau Hazmat Team
 - Ketchikan Hazmat Team
 - Kodiak Hazmat Team
 - 103rd Civil Support Team
 - Elmendorf AFB/Fort Richardson hazmat Team
 - EPA
 - Central Mat-Su Fire Department
 - 95th Chemical Company
 - Others (FBI, CG, ARRC, DHSS, DEC, DOL&WD, DMVA/DHS&EM, DPS, DHS, ANG)
 - **Drills and Training (see Schedule of Hazmat Activities)**
 - Drills and Training Needs/desires for 2013
 - Homer Ammonia Training (Alan Wien/Mark Sielaff)
 - Radiological Response Training (FBI)
 - Alaska Shield 2013 Discussion (Alan Wien)
 - DHS&EM Hazmat Training/Exercise Plan (Jeff Ennenga-DHS&EM)
 - Continuing Challenge Conference (Sept)
 - Hazmat Tech Course (Annual)
 - **Statewide Hazmat Budget Status**
 - DEC CIP Funding Status for Hazmat Teams (Alan Wien)
 - 2013 Hazmat Team MOU's (Alan Wien)
 - Federal Funding (ODP, MMRS, HMEP Funding) (Jeff Ennenga – DHS&EM)
 - **Recap Action Items**
 - **Next Meeting: May 14, 2013**
 - **Adjourn**
- 1:00 pm** **WMD Work Group Meeting (FBI-Derek Espeland)**

STATEWIDE HAZMAT RESPONSE WORK GROUP MEETING – Attendee List (February 12, 2013)

Individual	Agency	Email Address	Phone /Fax	Status/Other
Jonathan Aunger	Alaska NORAD Region	Jonathan.aunger@us.army.mil	552-1963	341-9261 (cell)
Ken Barkley	Central Mat-Su Fire Dept	Ken.barkley@matsugov.us	373-8805/355-8626	
Tyler Bones	Fairbanks Hazmat	tbones@awe.lynden.com	328-4332	460-0123 (cell)
Jeff Boyden	72 nd CST - Nebraska		402-309-7292	
Joe Charles	JTF-AK	Norven.charles@us.army.mil	552-2066	
Jacqueline DeCou	FBI	Jacqueline.decou@ic.fbi.gov	265-8125	947-9274 (cell)
Gordon Descutner	DPS Fire Standards Council	Gordon.descutner@alaska.gov	269-5061	306-5750
Jeff Ennenga	DHS&EM	jeff.ennenga@alaska.gov	428-7022	
Derek Espeland	FBI	Derek.Espeland@ic.fbi.gov	947-3724/265-8131	
Paul Gill	USCG D17	Paul.m.gill@uscg.mil	271-3564	250-6914 (cell)
Chris Gongora	103 rd CST	Christopher.gongora@us.army.mil	980-6070	
Young Ha	DEC PERP (Anchorage)	Young.ha@alaska.gov	269-7544/269-7648	230-8242 (cell)
Ali Hamade	DHSS - EPI	Ali.hamade@alaska.gov	269-8086	
Larry Iwamoto	DEC PERP (Anchorage)	Larry.iwamoto@alaska.gov	269-7683/269-7648	440-0812 (cell)
Tonya James	DMVA-DHSEM	Tonya.james@alaska.gov	428-7046/428-7009	
Matt Kelzenberg	Alaska Railroad	KelzenbergM@akrr.com	265-2476/242-2406	
Eric Kremers	72 nd CST - Nebraska		402-326-1923	
Thao Le	DHSS - EPI	Thao.le@alaska.gov	269-8036	(404) 510-0205 (cell)
Vivian Melde	EPA START Contractor	Vmelde@ene.com	257-5000/257-5007	
June Pounder	DHSS Public Health Lab	June.pounder@alaska.gov	334-2110/334-2161	
Tristan Saito	Tesoro Alaska Corp.	Tristan.y.saito@tsocorp.com	776-3592	394-4901
Brett Scholting	72 nd CST - Nebraska		402-326-1421	
Jim Seeberger	ARRC - Retired	seebergerj@gmail.com	250-9885	
Rick Shea	DHSS Public Health Lab	Rick.shea@alaska.gov	334-2158	855-222-9918 (on call)
Mark Sielaff	DEC PERP (Anchorage)	Mark.sielaff@alaska.gov	269-7532/269-7648	240-2517 (cell)
Young Suenram	Anchorage Hazmat	SuenramYS@ci.anchorage.ak.us	267-5052/	529-7050 (cell)
Louis Tagaban	Juneau Hazmat		723-5147	
Jim Vignola	Anchorage Fire Dept	VignolaJF@muni.org	267-5052/	355-7965 (cell)
Alan Wien	DEC PERP (Wasilla)	Alan.wien@alaska.gov	376-1865/376-2382	631-2470 (cell)

STATEWIDE HAZMAT RESPONSE WORK GROUP – ACTIVITY SCHEDULE (as of: Feb. 12, 2013)

Activity	Type of Event	Date	Location	Sponsor/ Coordinator	Point of Contact	Participating Agencies
Statewide Hazmat Work Group Mtg / WMD Work Group Meeting	Meeting	Feb 12, 2013	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto/ Alan Wien	All Statewide Hazmat Response Wk Gp Members
Hazmat Technician Course	Training	March 11-15 April 8-12	Anchorage	DHS&EM	Jeff Ennenga DHS&EM	Statewide Hazmat Team Members
Governor's Safety & Health Conference	Conference	March 18-20	Anchorage	State	For Info: Krystyna Markiewicz 269-5957	All welcome
Hazmat Tech and Ops Training	Classroom- Field Ex-	March 18-22 March 25-29	Sitka	103 rd CST DHS&EM	Jeff Ennenga, DHS&EM	103 rd , Sitka FD, Juneau Hazmat, Ketchikan Hazmat
Statewide Hazmat Work Group Mtg / WMD Work Group Meeting	Meeting	May 14	Anchorage BP Energy Ctr	DEC	Alan Wien	All Statewide Hazmat Response Wk Gp Members
Inland SCAT Training		August	TBD	EPA	Vivian Melde	
Continuing Challenge Hazmat Conference	Conference	September 3-6	Sacramento, CA	http://www.hazmat.org	http://www.hazmat.org	First responders, industry, Federal and State agencies
Fire Fighters Conference	Conference	September 23-27	Anchorage		Jeff Ennenga, DHS&EM	First Responders
Statewide Hazmat Work Group Mtg / WMD Work Group Meeting	Meeting	October 16	Anchorage TBD	DEC	Alan Wien	All Statewide Hazmat Response Wk Gp Members
Alaska Shield 2014 Hazmat Exercise	Training/ Exercise	April 1-3, 2014	TBD Kodiak	DEC / DHS&EM	Alan Wien	All Statewide Hazmat Response Teams



Statewide Hazmat Response Work Group

<http://dec.alaska.gov/spar/perp/hazmat.htm>



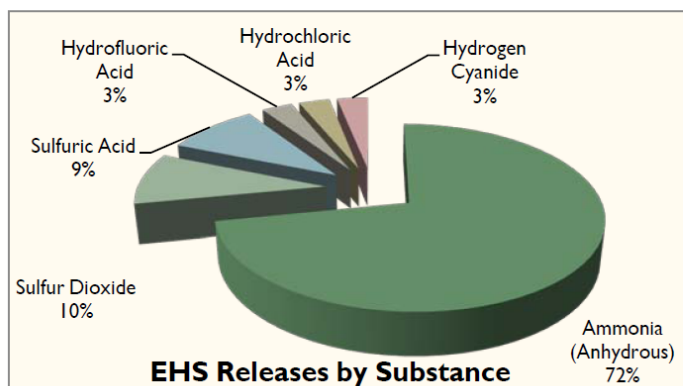
Extremely Hazardous Substance (EHS) Release Summary for Calendar Year 2012 (February 11, 2013)

The State of Alaska experienced a total of 32 extremely hazardous substance (EHS) reported releases during Calendar Year 2012.

EHS Releases by Substance and Quantity: The following is a breakdown of the EHS released over the past calendar year. To ensure consistency, the total volume released was converted to pounds, using a general factor of 1 gallon = 8 pounds. Anhydrous ammonia accounted for 72% of the total number of releases, followed by sulfur dioxide (10%) and sulfuric acid (9%). There was one reportable release each of Hydrochloric Acid, Hydrofluoric Acid, and Hydrogen Cyanide which constituted the remainder of the total. No other releases of EHS chemicals were reported during the calendar year.

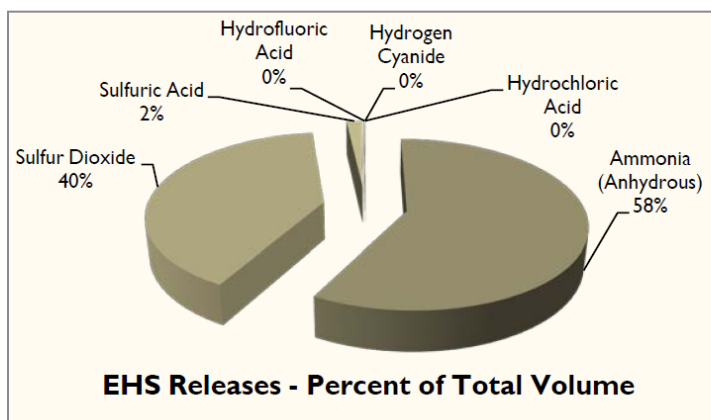
By comparison, in CY2011 Anhydrous Ammonia accounted for 67% of the total number of releases, followed by Sulfuric Acid (17%). Releases from sulfur dioxide also contributed to 78% of the total volume released for CY2011.

Substance	Number of Releases	Quantity (lbs)
Ammonia (Anhydrous)	23	21,382
Sulfur Dioxide	3	14,850
Sulfuric Acid	3	608
Hydrofluoric Acid	1	40
Hydrochloric Acid	1	4
Hydrogen Cyanide	1	4
Total	32	36,888



Significant EHS Releases: The significant EHS releases for Calendar Year 2012 were as follows:

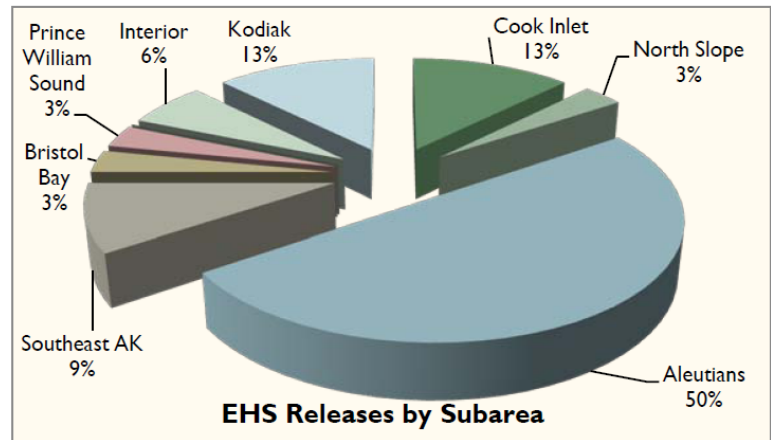
- 20,000 pounds of anhydrous ammonia (July 6, 2012 – Dutch Harbor)
- 7,000 pounds of sulfur dioxide (May 13, 2012 – Nikiski)
- 6,500 pounds of sulfur dioxide (October 23, 2012 – Nikiski)
- 1,350 pounds of sulfur dioxide (September 16, 2012 - Nikiski)
- 500 pounds of anhydrous ammonia (May 10, 2012 – Dutch Harbor)



EHS Releases by Location: In terms of EHS releases by subarea, the Aleutians accounted for 50% of the total number of releases throughout the State, while Cook Inlet (13%) and Kodiak (13%) jointly comprised over a quarter of the releases. The Southeast Alaska, Interior, North Slope, Prince William Sound and Bristol Bay subareas reported a few EHS releases, while the Northwest Arctic and Western Alaska subareas did not report any EHS releases for Calendar Year 2012.

In Calendar Year 2011, the Aleutians (50%), North Slope (21%), and Kodiak (13%) subareas accounted for 84% of the total releases, followed by Cook Inlet (8%), Interior (4%), and Southeast Alaska (4%) subareas.

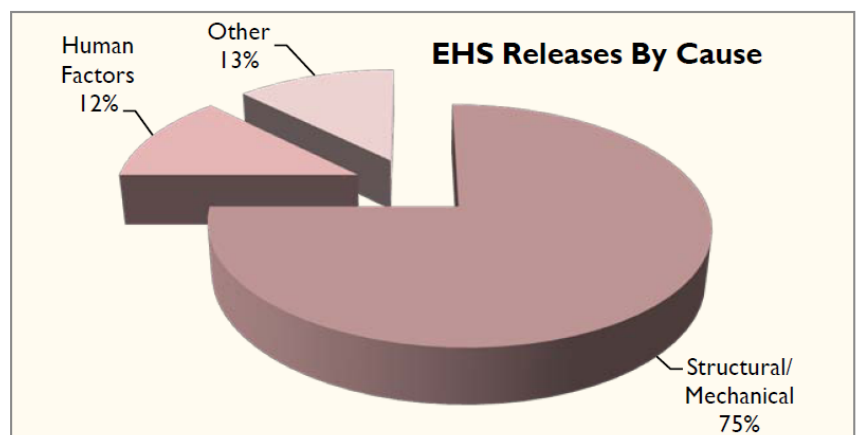
EHS Releases by Subarea	Number
Cook Inlet	4
North Slope	1
Aleutians	16
Southeast AK	3
Bristol Bay	1
Prince William Sound	1
NW Arctic	0
Interior AK	2
Kodiak	4
Western AK	0
Total	32



EHS Releases by Cause: “Structural/Mechanical” (75%), “Other” (13%), and “Human Factors” (12%) were the primary causes for the EHS releases in the State of Alaska for CY 2012. Examples of “Structural/ Mechanical” causes include equipment failure, valve failure, and seal failure. “Human Factors” causes include cargo not secured and human error.

By comparison in Calendar Year 2011, “Human Factors” causes resulted in 50% of the releases, followed by “Structural Mechanical” causes at 38%.

EHS Releases by Cause	Number
Structural/Mechanical	24
Human Factors	4
Other	4
Total	32





Fairbanks North Star Borough Hazardous Materials Response Team



FNSB HMRT

2012

Team Summary for the FNSB Hazardous Materials Response Team during the 4th Quarter of 2012. This summary outlines 4th Quarter performance against year to date and previous year's data.

**4th Quarter
Report**



Fairbanks North Star Borough Hazardous Materials Response Team



Fourth Quarter Report

The fourth quarter of 2012 has continued to be a busy year for the Team. Our responses reduced in the fourth quarter, but our community support continued to make up the difference; we were able to participate in the Alaska Railroad exercise in Healy. This multiday event was geared towards developing local emergency response capabilities, Fire Departments and Local LE participated from around the area to include Park Rangers from Denali National Park and Preserve and Cantwell. The FNSB HMRT involvement was initially intended to be a support role for AKRR during the Saturday exercise, but the role progressed into a training opportunity for HMRT personnel and an informal networking session. The Team also supported the First Responder refresher training for North Pole and North Star Volunteer Fire Departments. The Team considers training our peers in Emergency Services just as an important mission as our response capabilities. Our membership numbers are still rising with the Team at 26 active members.

There are a number of new initiatives being worked for the FNSB HMRT that we are excited to carry into 2013, they include:

- Forming a partnership with the University of Alaska Fairbanks for creating an internship program that will provide real-world experience to students and increase the number of available responders for the team. It is hoped to draw interest from the Emergency Services Associates Degree Program and the Bachelor Degree program.
- Developing additional capabilities for supporting local fire departments on structure fires. Over the past couple of years there has been an increased interest around the Nation in the toxic properties of fire gases and smoke. Although it has long been known that the products of combustion are unhealthy and at times lethal, it has just been in recent years that it has really been studied. The FNSB HMRT Officers are working with the Department of Emergency Services and the local fire departments to develop a protocol for HMRT support. The model has the HMRT dispatched for working structure fires. Once on-scene, the Team would provide real time and possibly passive personnel exposure monitoring. This would be in addition to rehab, command support, and SCBA refilling that the Team already offers.
- Facility Pre-Incident Planning: The Team is working on establishing partnerships with local facilities that would allow the Team to conduct Pre-Incident Plans, training, and exercises. Currently Fort Knox and Pogo mines have expressed interest in this program. The Team has been supporting Pogo's efforts on developing a HazMat Team and Ft. Knox is working on a exercise for next summer.

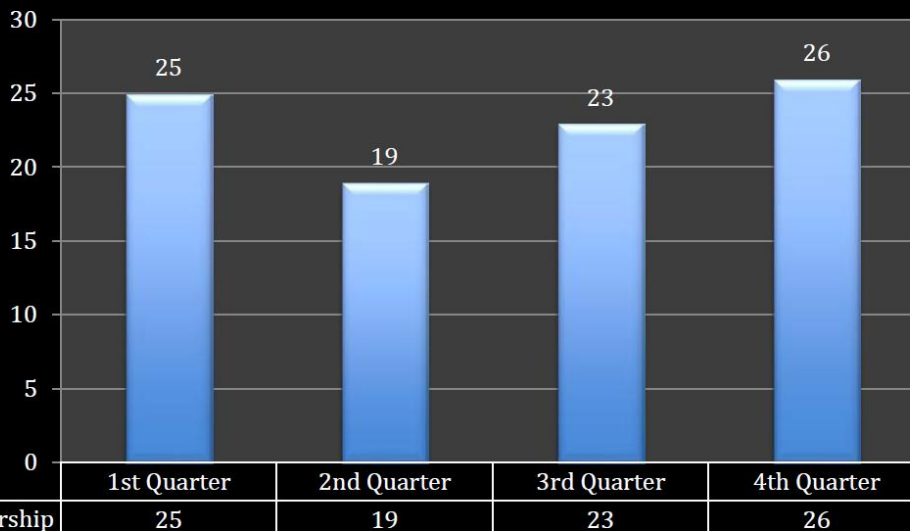
2012 was a unique year for the Team. It started off by a huge hole from the transition of our Chief to a new job in Seattle, but the Team pulled together and weathered the changes to turn this into a great year!



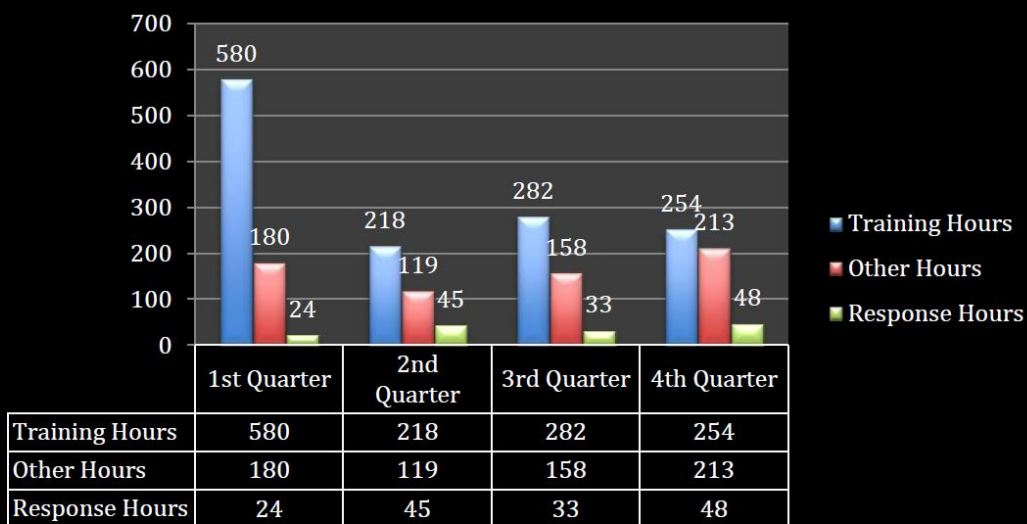
Fairbanks North Star Borough Hazardous Materials Response Team



Membership



Training Hours





Fairbanks North Star Borough Hazardous Materials Response Team

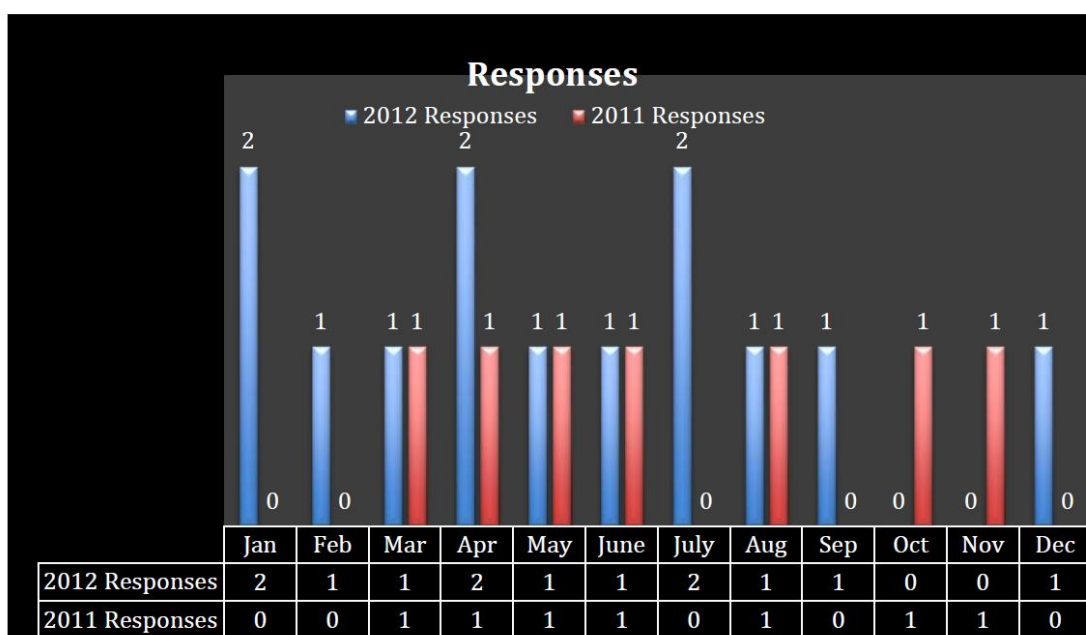


Responses

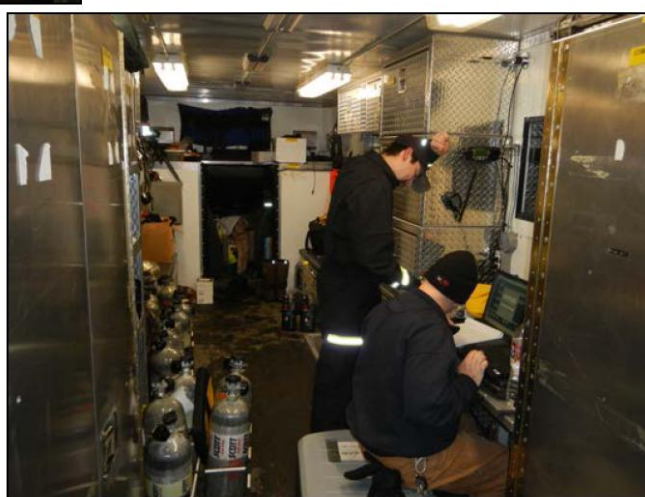
Date	Location	Nature of Call
1/5/12	Ester	Structure Fire Support - Request for air bottles and heaters by Ester FD during a structure fire.
1/16/12	Fairbanks	HazMat - Unknown package at TVC, request by FFD to support response.
2/23/12	Fairbanks	HazMat - Response to Tanana School for Sodium reaction in Middle school lab.
3/7/12	City of Tanana	HazMat - Response to City of Tanana School for white powder response.
4/5/12	Kotzebue	HazMat – Standby for suspicious package in Kotzebue.
4/11/12	Fairbanks	HazMat – Propane release at Airport and South Cushman.
5/11/12	Delta	HazMat – Standby for suspicious powder.
6/21/12	College	HazMat – Chemicals in dumpster at Transfer Site.
7/18/12	Fairbanks	HazMat – Mercury spill
7/22/12	Fairbanks	HazMat – Fuel spill at private residence Old Steese.
8/18/12	Fairbanks	HazMat – Oil Sheen request by Fairbanks Fire Department
9/20/12	Fairbanks	HazMat – Suspicious package at the AG office, AST assist.
12/10/12	Fairbanks	AST Assist with Clandestine Lab.



Fairbanks North Star Borough Hazardous Materials Response Team



AST Support for a suspected Meth Lab





Fairbanks North Star Borough Hazardous Materials Response Team



Community Outreach

Date	Location	Description
2/8/12	Fairbanks	AS 2012 – Provided “HazMat Size-Up” course to the participants of the Statewide HazMat Symposium.
2/9/12	Fairbanks	AS 2012 – Provided “HazMat Identification Tools” course to the participants of the Statewide HazMat Symposium.
2/18/12	Wasilla	Provided HazMat orientation to Central MatSu fire department with regards to transportation incidents.
3/6/12	North Pole	First Responder Operations Refresher training provided to North Star Volunteer Fire Department.
3/12/12 – 3/14/12	Fairbanks	Fire Responder Operations level training provided to Fairbanks International Airport Police & Fire.
5/10/12	Fairbanks	Provided a HazMat Tech Refresher course to EAFB personnel.
5/14/12	Fairbanks	Provided a HazMat Tech course to EAFB personnel.
5/15/12	Delta Junction	HazMat Tech refresher provided to Pogo Mine ERT.
8/14/12	Fairbanks	HazMat OPS for UAFLD Recruit class.
8/27/12	Fairbanks	HazMat Tech Course
10/5-6/12	Healy	Participated in Alaska Railroad HazMat response exercise and training in Healy.
12/11&18/12	North Pole	FRO Training for NPFD and NSVFD.

